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FISH & RICHARDSON, P.C.
PO BOX 1022
MINNEAPOLIS, MN 55440-1022

EXAMINER
LEE, JINHEE J

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 February 2007*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-61* is/are pending in the application.

    4a) Of the above claim(s) *23-59 and 61* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-22 and 60* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date *1103*.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____ .

DETAILED ACTION

Election/Restrictions

1.   Claims 23-59 and 61 are withdrawn from further consideration pursuant to 37

CFR 1.142(b) as being drawn to a nonelected group, there being no allowable generic

or linking claim. Election was made **without** traverse in Paper Dated 2/15/07.

Claim Rejections - 35 USC § 112

2.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly
> claiming the subject matter which the applicant regards as his invention.

3.   Claims 3-13 are rejected under 35 U.S.C. 112, second paragraph, as being

indefinite for failing to particularly point out and distinctly claim the subject matter which

applicant regards as the invention.

Claim 3 recites the limitation "a first invisible page and then a second invisible

page" in line1-2. This is confusing. Claim 2 recites "at least one invisible page". Are

the first and second invisible pages same as the at least one invisible page of claim 2?

Clarify.

Claim Rejections - 35 USC § 101

4.   35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of
> matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the
> conditions and requirements of this title.

5.   Claims 1-22 and 60 are rejected under 35 U.S.C. 101 because the claimed

invention is directed to non-statutory subject matter.

Re claim 1-22 and 60, claims 1-22 and 60 claim a data structure, however, it appears the limitations of said claim are merely claiming statements defining various items, therefore said limitations do not appear to be defining any functional interrelations which permits the computer program's functionality (or data structure's functionality) to be realized.

In view of the above, claims 1-22 and 60 are therefore directed to non-statutory subject matter.

Claim Rejections - 35 USC § 102

6.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7.   Claims 1-20, 22 and 60 are rejected under 35 U.S.C. 102(b) as being anticipated by Slotznick (6011537).

Re claim 1, Slotznick discloses a method of providing navigation in a browser, the method comprising:

displaying an application page in a browser on a client device, the application page being received from a server device, the browser having a back function and a

forward function (see column 18 lines 11-14 according to the numbering in the middle

and column 37 lines 24-25 for example);

receiving an input from a user while the application page is being displayed, the

input requesting one of the back function and the forward function (see column 37 lines

24-25 for example); and

performing an action in response to receiving the input, the action being

specified by the server device (see column 18 lines 11-14 and abstract for example).

Re claim 2, Slotznick discloses a method, further comprising loading at least

one invisible page in the browser such that the application page is visible in the browser

after the at least one invisible page has been loaded (see column 15 lines 5-6, lines 14-

20, lines 32-36 for example).

Re claim 3, Slotznick discloses a method, wherein a first invisible page and then

a second invisible page are loaded in the browser (different secondary information for

example, see column 16 lines 15-18).

Re claim 4, Slotznick discloses a method, further comprising again loading the

first invisible page if the input requests the back function (column 17 lines 47 and lines

54-59 for example).

Re claim 5, Slotznick discloses a method, wherein again loading the first

invisible page triggers performance of the action (column 15 lines 5-6, lines 14-20, lines

32-36 for example).

Re claim 6, Slotznick discloses a method, further comprising storing information

in a cookie on the client device to identify that the first invisible page is again being

loaded in response to receiving the input requesting the back function (see column 15

lines 41-44, column 16 lines 29-33 for example).

Re claim 7, Slotznick discloses a method, further comprising activating the back

function after loading the second invisible page and again loading the first invisible page

(column 17 lines 47, lines 54-59 for example). ·

Re claim 8, Slotznick discloses a method, further comprising again loading the

second invisible page if the input requests the forward function (column 37 lines 24-25

for example).

Re claim 9, Slotznick discloses a method, wherein again loading the second

invisible page triggers performance of the action (column 16 lines 15-20 and column 37

lines 24-25 for example).

Re claim 10, Slotznick discloses a method, further comprising storing

information in a cookie on the client device to identify that the second invisible page is

again being loaded in response to receiving the input requesting the forward function

(column 15 lines 41-44, column 16 lines 29-33 for example).

Re claim 11, Slotznick discloses a method, further comprising loading a third

invisible page in the browser after loading the second invisible page and activating the

back function after loading the third invisible page and again loading the second

invisible page (column 16 lines 15-20 for example).

Re claim 12, Slotznick discloses a method, further comprising: again loading the

first invisible page if the input requests the back function; and again loading the third

invisible page if the input requests the forward function (column 16 lines 15-20, c37

lines 24-25 for example).

Re claim 13, Slotznick discloses a method, wherein performance of the action is

triggered by again loading one of the first and third invisible pages (column 16 lines 15-

20 for example).

Re claim 14, Slotznick discloses a method, wherein the action comprises

sending a request from the client device to the server device, the request being

specified by the server device (column 18 lines 11-14 for example).

Re claim 15, Slotznick discloses a method, wherein the request is for changing

an application on the server device to which the application page relates from a first

state to a second state (column 18 lines 11-14 and abstract for example).

Re claim 16, Slotznick discloses a method, wherein the request comprises that

a measure taken on the server device be undone (inherent function of forward and

backward for example, see column 37 lines 24-25).

Re claim 17, Slotznick discloses a method, wherein the request comprises that

a measure taken on the server device that has been undone should be redone (see

column 37 lines 24-25 for example).

Re claim 18, Slotznick discloses a method, wherein the request is for the server

device to provide a second application page to the client device (column 16 lines 15-18

for example).

Re claim 19, Slotznick discloses a method, wherein the action comprises continuing to display the application page (column 18 lines 11-14 and abstract for example).

Re claim 20, Slotznick discloses a method, wherein no request is sent from the client device to the server device in response to the input being received (see column 18 lines 11-14 for example).

Re claim 22, Slotznick discloses a method, wherein the application page is received from the server device in response to a request sent from the client device (column 18 lines 11-14 for example).

Re claim 60, Slotznick discloses a computer program product containing executable instructions that when executed cause a processor to perform operations comprising:

display an application page in a browser on a client device, the application page being received from a server device, the browser having a back function and a forward function (see column 18 lines 11-14 and column 37 lines 24-25 for example);

receive an input from a user while the application page is being displayed, the input requesting one of the back function and the forward function (column 37 lines 24-25 for example); and

perform an action in response to receiving the input, the action being specified by the server device (column 18 lines 11-14 and abstract for example).

Claim Rejections - 35 USC § 103

8.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

9.   Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over

Slotznick in view of Li (7003695).

Re claim 21, Slotznick substantially discloses the method as set forth in claim 19

above.   Slotznick does not explicitly disclose wherein the action further comprises

displaying a message to the user announcing one of an impossibility of undoing a

measure taken on the server device and an impossibility of redoing a measure taken on

the server device that has been undone. However, Li teaches of a method wherein a

action further comprises displaying a message to the user announcing one of an

impossibility of undoing a measure taken on the server device and an impossibility of

redoing a measure taken on the server device that has been undone (see claim 9 for

example). It would have been obvious to one having ordinary skill in the art at the time

the invention was made to use the message of Li on the method of Slotznick in order to

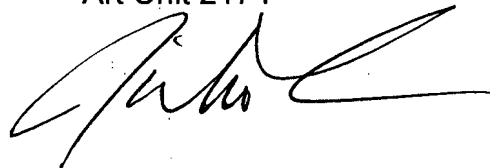provide clear message of inability of the program.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Jinhee J. Lee whose telephone number is 571-272-

1977. The examiner can normally be reached on M- F at 8:30AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on 571-272-2100 ext. 74. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jinhee J Lee
Primary Examiner
Art Unit 2174

jjl